

What is claimed is:

1. A method of displaying performance information on athletic eyewear, comprising:
forming a lens, wherein forming includes embedding a display in the lens;
mounting the lens in the athletic eyewear; and
activating the display from a source outside the lens.
2. The method according to claim 1, wherein forming includes pouring resin in a mold and wherein embedding includes suspending the display in the resin prior to hardening.
3. The method according to claim 1, wherein forming includes pouring resin in a mold and wherein embedding includes suspending a plurality of light pipes in the resin prior to hardening.
4. The method according to claim 3, wherein the display is a segment display and wherein activating the display includes directing light into a light pipe associated with each segment to be lit.
5. The method according to claim 4, wherein each light pipe is attached to a shutter and wherein directing the light into a light pipe includes opening the shutter attached to the light pipe.
6. The method according to claim 3, wherein the display is a segment display and wherein activating the display includes receiving information from a measuring device, determining which segments to light as a function of the information received from the measuring device and directing light into a light pipe associated with each segment to be lit.

7. The method according to claim 6, wherein each light pipe is attached to a shutter and wherein directing the light into a light pipe includes opening the shutter attached to the light pipe.
8. The method according to claim 1, wherein forming includes pouring resin in a mold and wherein embedding includes suspending a liquid crystal display (LCD) in the resin prior to hardening.
9. The method according to claim 8, wherein activating the display includes driving the display with an LCD controller.
10. The method according to claim 8, wherein activating the display includes receiving information from a measuring device and driving the display as a function of the information received from the measuring device .
11. A method of displaying performance information on athletic eyewear, comprising:
 - forming a display on a translucent tape;
 - attaching the tape to one or more lens of an article of athletic eyewear; and
 - activating the display to display the performance information.
12. The method according to claim 11, wherein forming includes pouring resin in a mold and suspending the display in the resin prior to hardening.
13. The method according to claim 11, wherein forming includes pouring resin in a mold and suspending a plurality of light pipes in the resin prior to hardening.

14. The method according to claim 13, wherein the display is a segment display and wherein activating the display includes directing light into a light pipe associated with each segment to be lit.

15. The method according to claim 14, wherein each light pipe is attached to a shutter and wherein directing the light into a light pipe includes opening the shutter attached to the light pipe.

16. The method according to claim 13, wherein the display is a segment display and wherein activating the display includes receiving information from a measuring device, determining which segments to light as a function of the information received from the measuring device and directing light into a light pipe associated with each segment to be lit.

17. The method according to claim 16, wherein each light pipe is attached to a shutter and wherein directing the light into a light pipe includes opening the shutter attached to the light pipe.

18. The method according to claim 11, wherein forming includes pouring resin in a mold and suspending a liquid crystal display (LCD) in the resin prior to hardening.

19. The method according to claim 18, wherein activating the display includes driving the display with a controller.

20. The method according to claim 11, wherein forming includes pouring resin in a mold and suspending a suspended particle device (SPD) in the resin prior to hardening.

21. The method according to claim 20, wherein activating the display includes driving the display with a controller.

22. The method according to claim 11, wherein forming includes pouring resin in a mold and suspending an electrochromatic film (ECF) in the resin prior to hardening.

23. The method according to claim 18, wherein activating the display includes driving the display with an LCD controller.

24. The method according to claim 13, wherein activating the display includes receiving information from a measuring device and driving the display as a function of the information received from the measuring device .

25. Athletic eyewear capable of displaying information, comprising: /
a frame; and
a lens, wherein the lens includes a display formed by a plurality of light pipes;
wherein the lens is mounted in the frame such that the display is viewable by a user wearing the eyewear.

26. The athletic eyewear of claim 25, wherein the eyewear further comprises a display controller, wherein the display controller drives the display as a function of the information to be displayed.

27. The athletic eyewear of claim 25, wherein each light pipe is attached to a shutter.

28. The athletic eyewear of claim 25, wherein each light pipe is attached to a shutter, wherein the shutter is formed by coating an end of the light pipe with a material which changes opacity under electrical charge.

29. Athletic eyewear capable of displaying information, comprising: /
a frame;

a lens, wherein the lens includes a display embedded within the lens, wherein the lens is mounted in the frame such that the display is viewable by a user wearing the eyewear; and

a display controller, wherein the display controller drives the display as a function of the information to be displayed.

30. The athletic eyewear of claim 25, wherein the display is a liquid crystal display.

31. The athletic eyewear of claim 25, wherein the display is a suspended particle device (SPD).

32. The athletic eyewear of claim 25, wherein the display is an electrochromatic film (ECF).

33. The athletic eyewear of claim 25, wherein the display is formed from a plurality of light pipes, wherein an end of each light pipe is attached to a shutter.

34. The athletic eyewear of claim 25, wherein the display is formed from a plurality of light pipes, wherein an end of each light pipe is attached to a shutter, wherein the shutter is formed by coating an end of the light pipe with a material which changes opacity under electrical charge.

35. A performance information display which can be mounted on athletic eyewear, the display comprising:

display means for displaying information;

attachment means, connected to the display means, for attaching the display means to athletic eyewear; and

a controller, connected to the display means, for driving the display means with performance information.

attaching the tape to one or more lens of an article of athletic eyewear; and
activating the display to display the performance information.

36. The display according to claim 35, wherein the display means includes a plurality of light pipes suspended in a resin.
37. The display according to claim 36, wherein the display means is configured as a segment display and wherein activating the display includes directing light into a light pipe associated with each segment to be lit.
38. The display according to claim 36, wherein each light pipe is attached to a shutter and wherein the controller opens the shutter attached to the light pipe.
39. The display according to claim 38, wherein the controller includes a measuring device and wherein the controller determines the shutters to open as a function of information received from the measuring device.
40. The display according to claim 35, wherein the display means includes a liquid crystal display (LCD).
41. The display according to claim 35, wherein the display means includes a suspended particle device (SPD).
42. The display according to claim 35, wherein the display means includes an electrochromatic film (ECF).